



# SEQUENCE LISTING

<110> Gonzalez, Cayetano  
Bejarano, Luis

<120> Detection, Cloning and Sequencing of Polypeptides which Drive the  
Subcellular Localization of Proteins

<130> 2923-494

<140> 09/926,201

<141> 2001-12-21

<150> PCT/EP00/02607

<151> 2000-03-23

<160> 11

<170> PatentIn version 3.2

<210> 1

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide (Oligo A)

<400> 1  
catgttggcg gccgcggtac cgtcga 26

<210> 2

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide (Oligo B)

<400> 2  
gcccgggcggt gagcaagggc gag 23

<210> 3

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide (Oligo Not 1-1b)

<400> 3  
gatcgcggcc gcgtac 16

<210> 4  
<211> 8  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> oligonucleotide (Oligo Not 1-8)

<400> 4  
gcggccgc

8

<210> 5  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> oligonucleotide primer which flanks the SrfI site of the GET#1  
vector

<400> 5  
agcttcgaat tcgcgccgc caacatg

27

<210> 6  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> oligonucleotide primer which flanks the SrfI site of the GET#1  
vector

<400> 6  
tatgatctag agtcgccc gctttac

27

<210> 7  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> oligonucleotide primer which flanks the SrfI site of the GET#1  
vector

<400> 7  
tagcgctacc ggactcagat ctcgagc

27

<210> 8  
<211> 27  
<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide primer which flanks the SrfI site of the GET#1 vector

<400> 8

aaaacctcta caaatgtggt atggctg

27

<210> 9

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> predicted trans-membrane motif

<400> 9

Pro Met Ser Ile Phe Gln Leu Ile Tyr Phe Leu Leu Phe Leu Phe Leu  
1 5 10 15

Gly Val Ile Cys  
20

<210> 10

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> nuclear localisation signal

<400> 10

Lys Arg Lys Tyr Ser Ala Ala Lys Thr Lys Val Glu Lys Lys Lys Lys  
1 5 10 15

Lys Glu

<210> 11

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> predicted trans-membrane motif

<400> 11

Pro Met Ser Ile Phe Ile Gln Leu Ile Tyr Phe Leu Leu Phe Leu Phe  
1 5 10 15

Leu Gly Val Ile Cys  
20